



# FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Sunday, February 10, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- Light freezing rain possible this morning over **NE OK & N AR**.
- Isolated heavy rain/flash flooding possible over **N & Central AR**.

## Monday

- Moderate risk of flash flooding over extreme **NE AR**.
- Heavy rain / flash flooding possible over much of **NE AR**.
- A few severe storms possible over **S AR, ETX** and **N LA**; strong wind gusts are the main threat, a brief tornado possible.
- Elevated to critical fire weather conditions (strong winds) over **E NM**, the Panhandles, **TX** South Plains into the Permian Basin.

## Tuesday

- A few strong storms possible over **SE LA** early; damaging winds are the main threat.

## Wednesday - Thursday

- Elevated to critical fire weather conditions possible over **E NM & the Panhandles**.

## River Flooding

- Minor river flooding with minimal impacts continues across **ETX** into **LA & AR**.
- The **MS River** continues to rise in the coming days; the point at **Osceola, AR** is expected to rise into Moderate flood stage by mid week and crest late in the weekend. Flooded roads in the area are possible.

# FEMA Region 6 Threat Matrix

Feb 10, 2019 – Feb 14, 2019



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms		S AR, ETX, N LA	SE LA (Early)		
Heavy Rain / Flash Flooding	N & Central AR	Extreme NE AR			
	NETX, SE OK	NE AR			
		AR, SE OK, NETX			
Winter Weather	NE OK, N AR				
Fire Weather		E NM, Panhandles, W TX		E NM, Panhandles	E NM, Panhandles
River Flooding	ETX, LA, E AR	ETX, LA, E AR	LA, E AR	LA, E AR	LA, E AR
				MS River – NE AR	MS River – NE AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

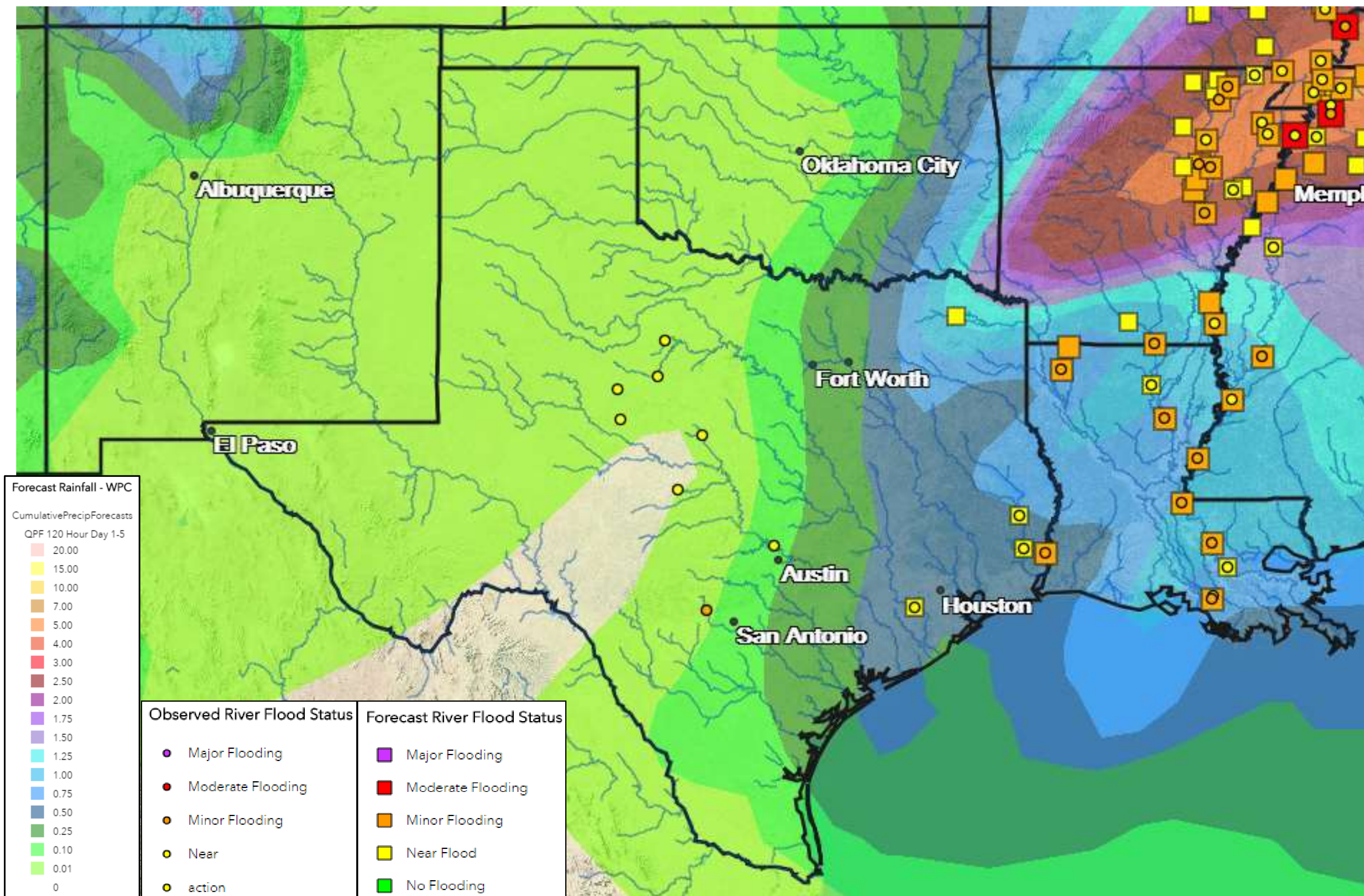


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor river flooding with minimal impacts continues across E TX, LA & E AR.**

**The MS River continues to rise in the coming days; the point at Osceola, AR is expected to rise into Moderate flood stage by mid week and crest late in the weekend. Flooded roads in the area are possible.**

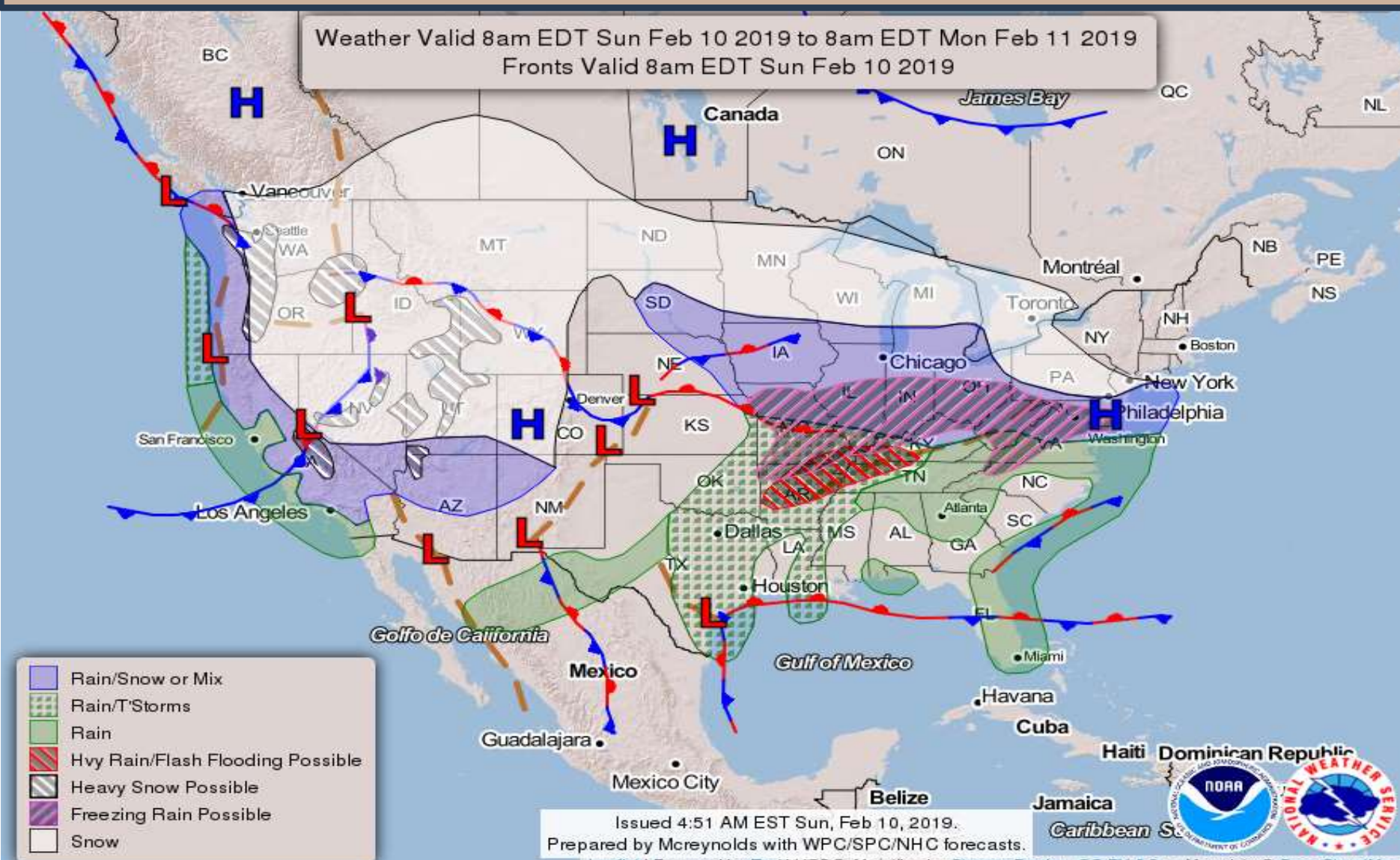


# Today's Weather

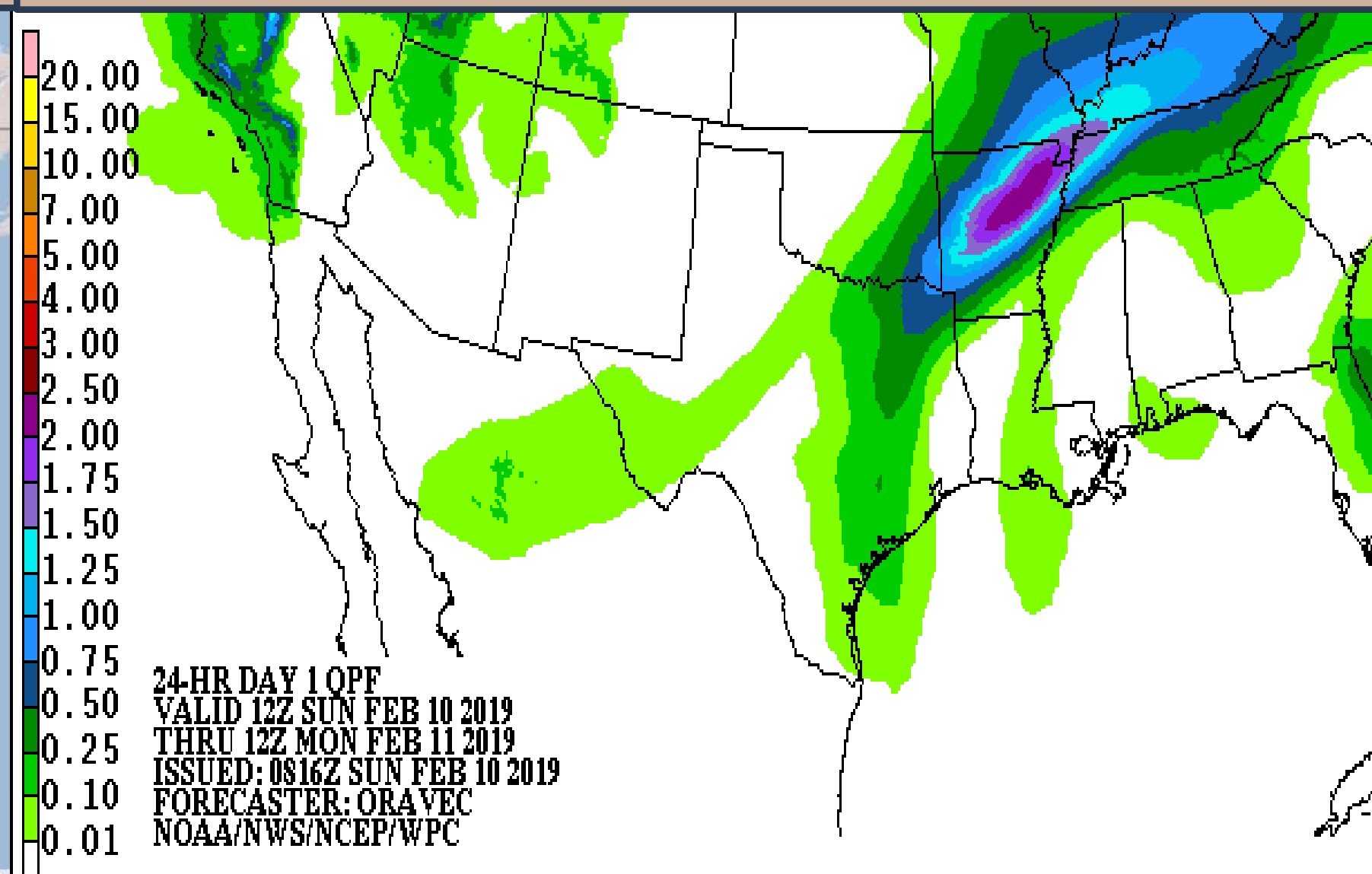


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## Forecast Chart



# Forecast Rainfall

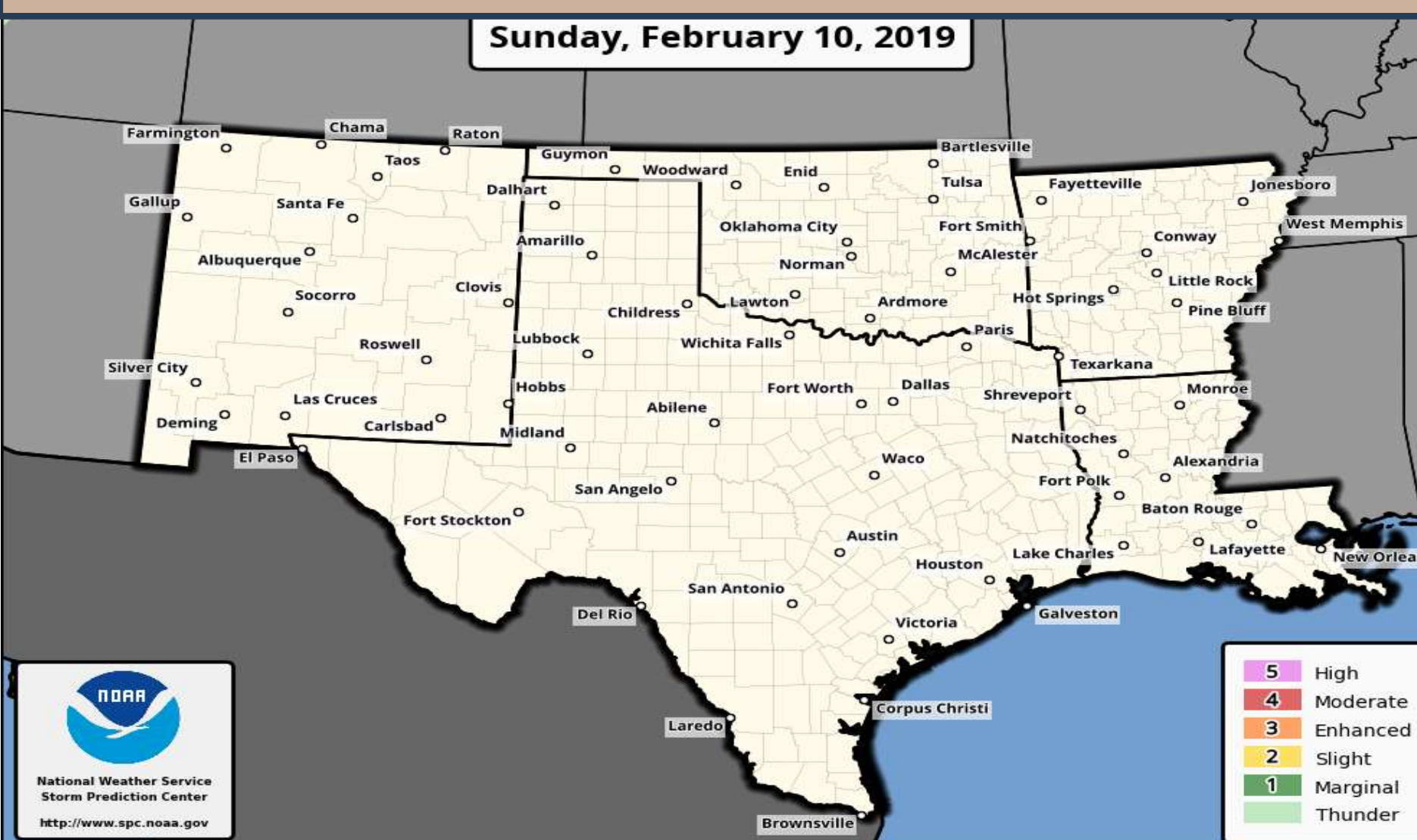


**Light freezing rain possible  
this morning over NE OK &  
N AR.**

**Isolated heavy rain/flash flooding possible over N & Central AR.**

**Isolated heavy rain possible throughout the rest of AR, SE OK & NETX.**

# Severe Weather Outlook



## Excessive Rainfall Outlook





# Watches, Warnings, and Advisories



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## Fire Weather



## Severe Weather & Flooding



**Winter weather advisories in effect this morning over NE OK & NAR.**

**High Wind Watches are in effect over portions of NM and the TX South Plains on Monday.**

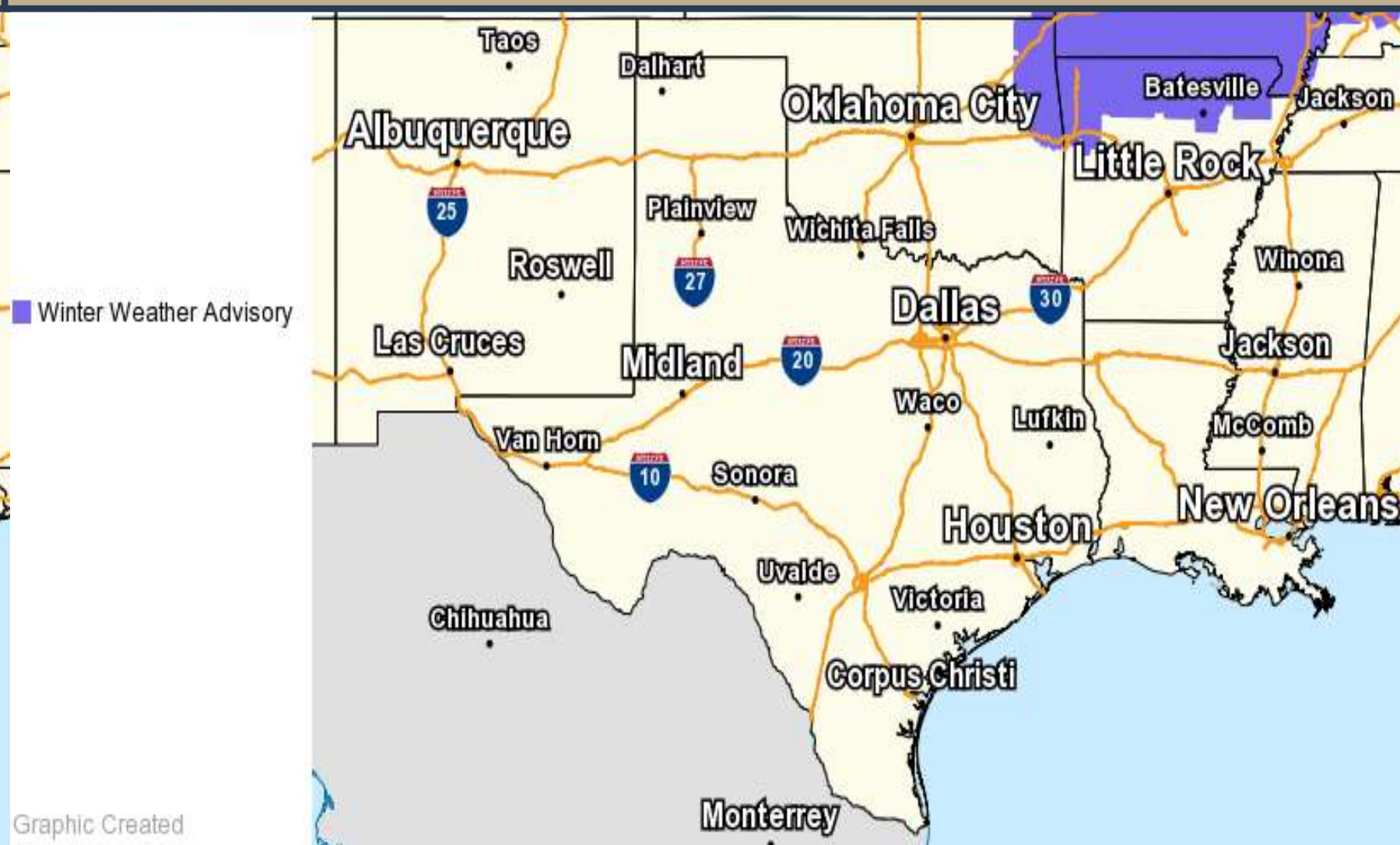
**Fire Weather Watches are in effect over the W Panhandles, TX South Plains into SE NM on Monday.**

**Flood Watches are in effect for NE through N-Central AR this evening through Monday evening.**

## Strong & Gusty Winds



## Winter Weather





# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall

**Moderate risk of flash flooding over extreme NE AR.**

**Heavy rain / flash flooding possible over much of NE AR.**

**Isolated heavy rain possible over the rest of AR, SE OK and NE TX.**

**A few severe storms possible over SAR, E TX and N LA; strong wind gusts are the main threat, an brief tornado possible.**

## Severe Weather Outlook

## Excessive Rainfall Outlook

Monday, February 11, 2019

Marginal  
Slight  
Moderate  
High

5 High  
4 Moderate  
3 Enhanced  
2 Slight  
1 Marginal  
Thunder

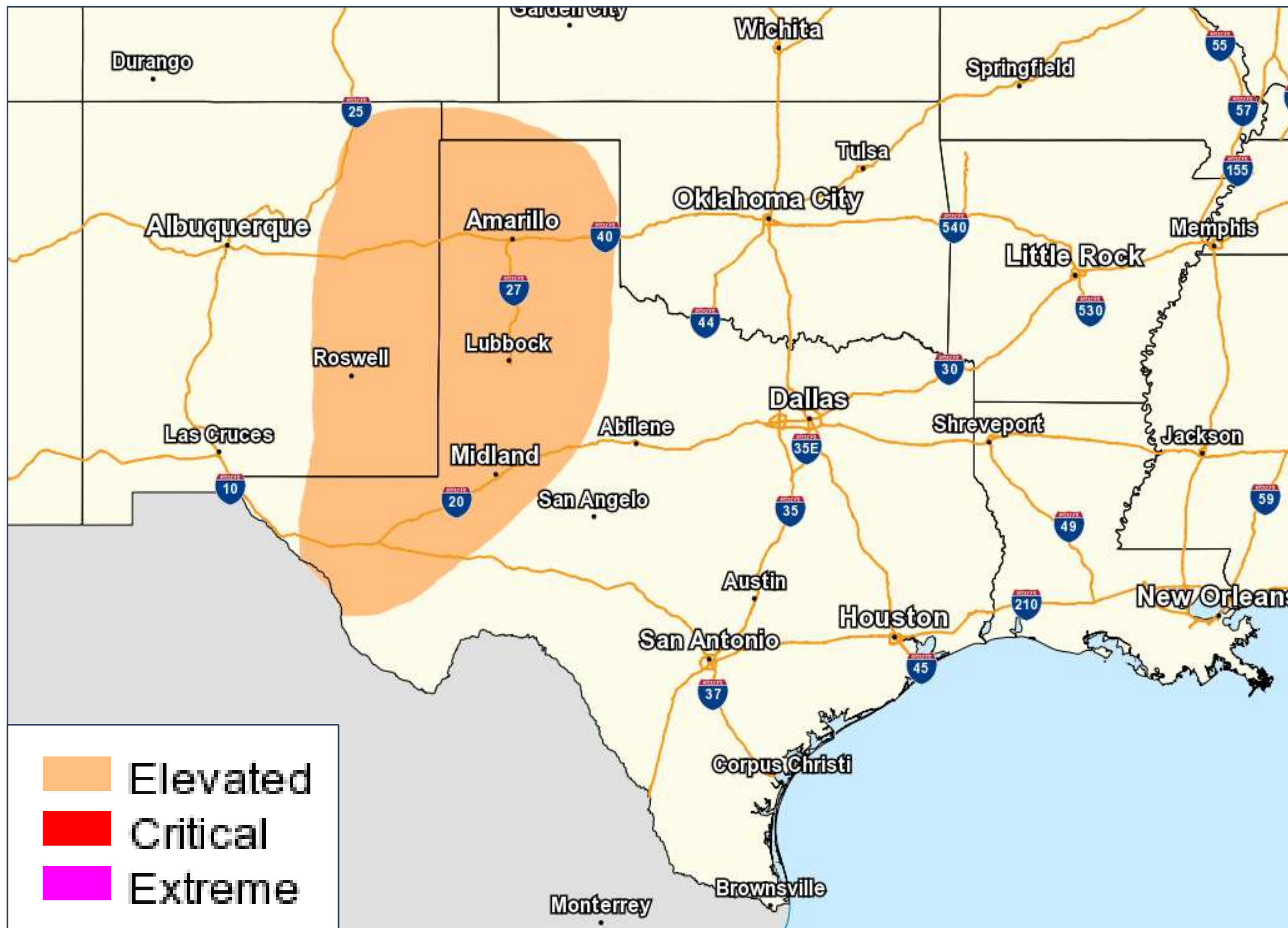
Graphic Created  
January 10th, 2019  
AM CST



# Tomorrow's Fire Weather Outlook



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**Elevated to critical fire weather conditions (especially strong winds) expected for E NM into the Panhandles, TX South Plains and into the Permian Basin.**

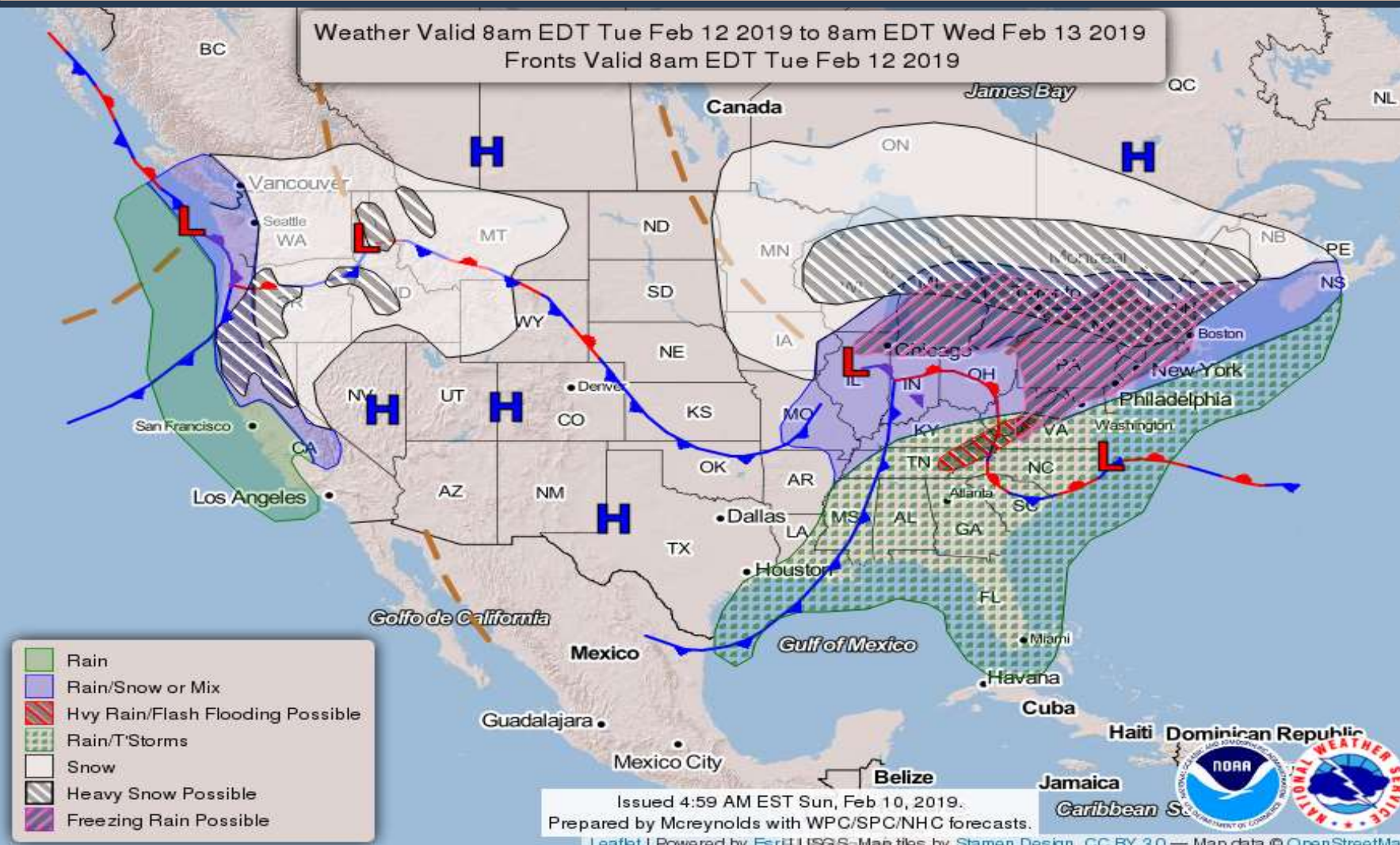


# Tuesday's Weather

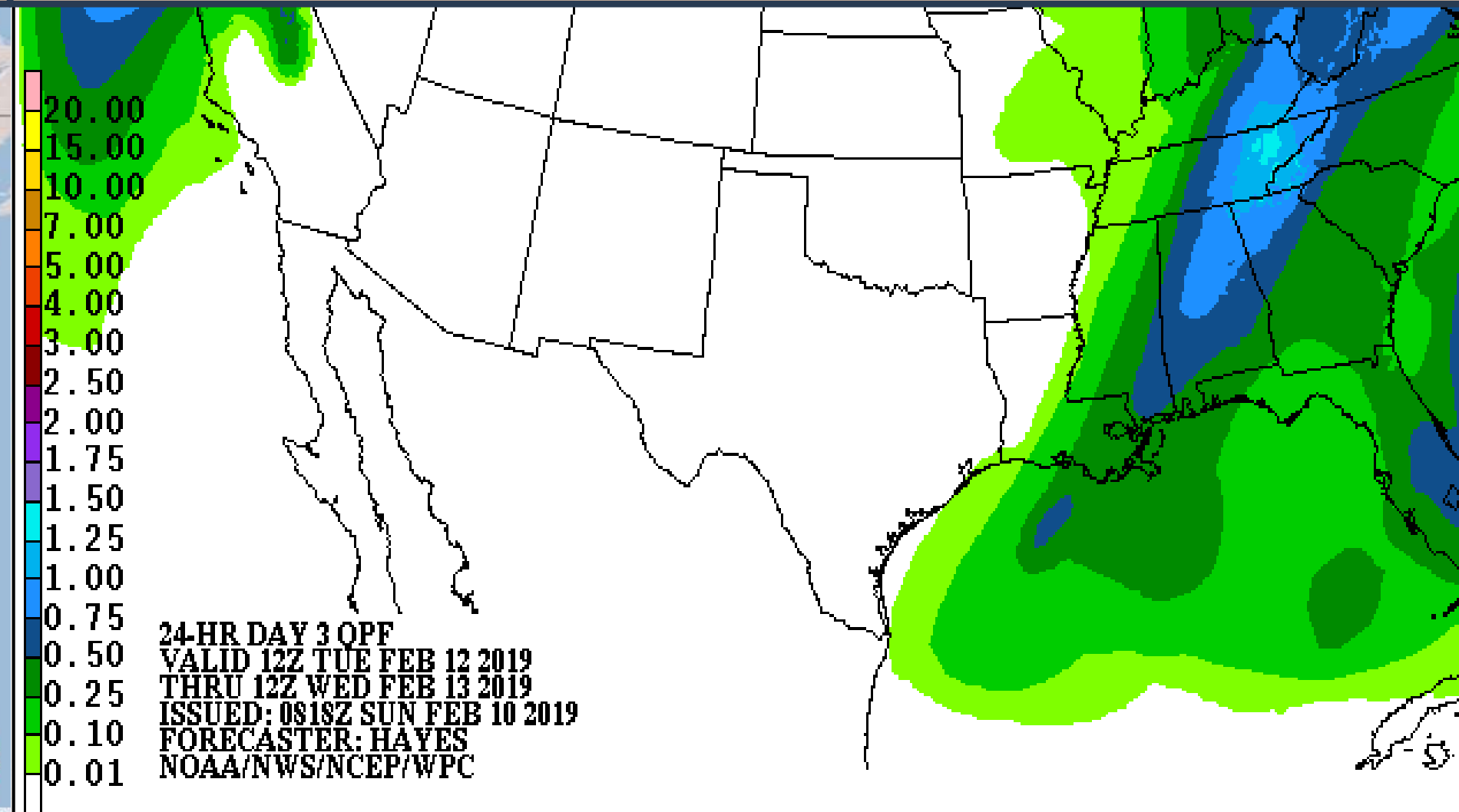


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## Forecast Chart



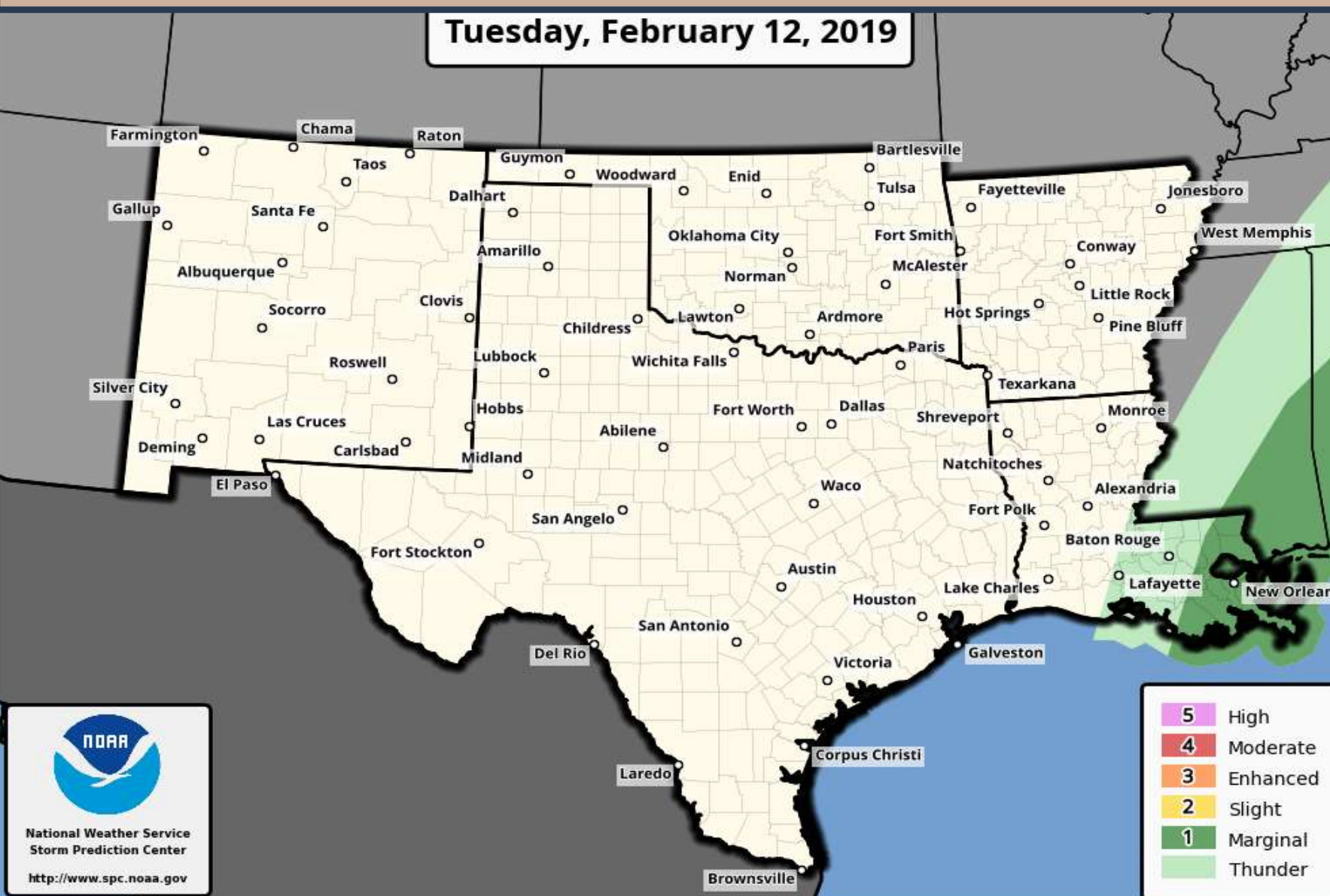
## Forecast Rainfall



A few strong storms possible  
over SE LA early Tuesday;  
damaging winds are the main  
threat.

## Severe Weather Outlook

Tuesday, February 12, 2019



## Excessive Rainfall Outlook



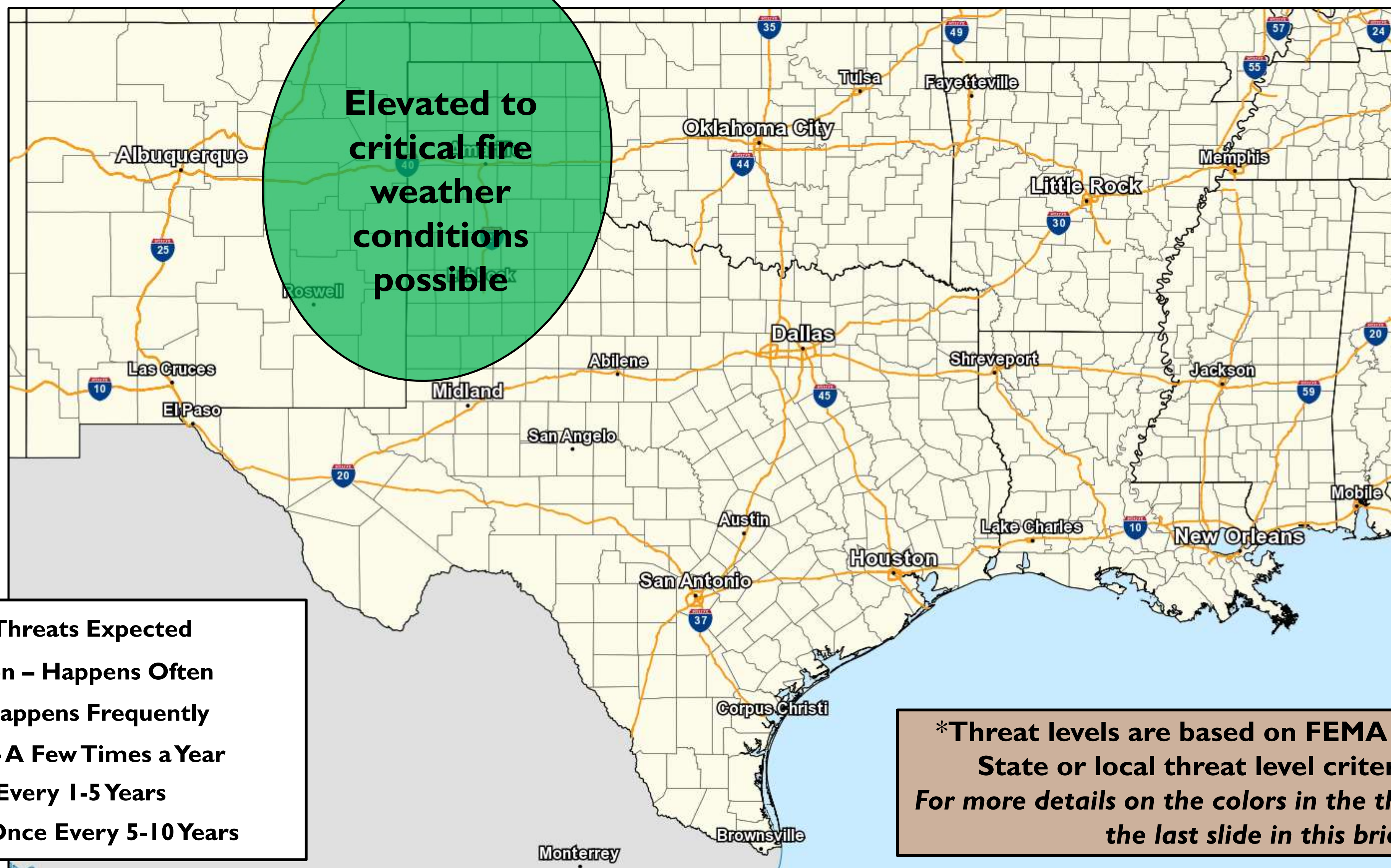


# Days 4-5 Weather Hazards

Wednesday - Thursday



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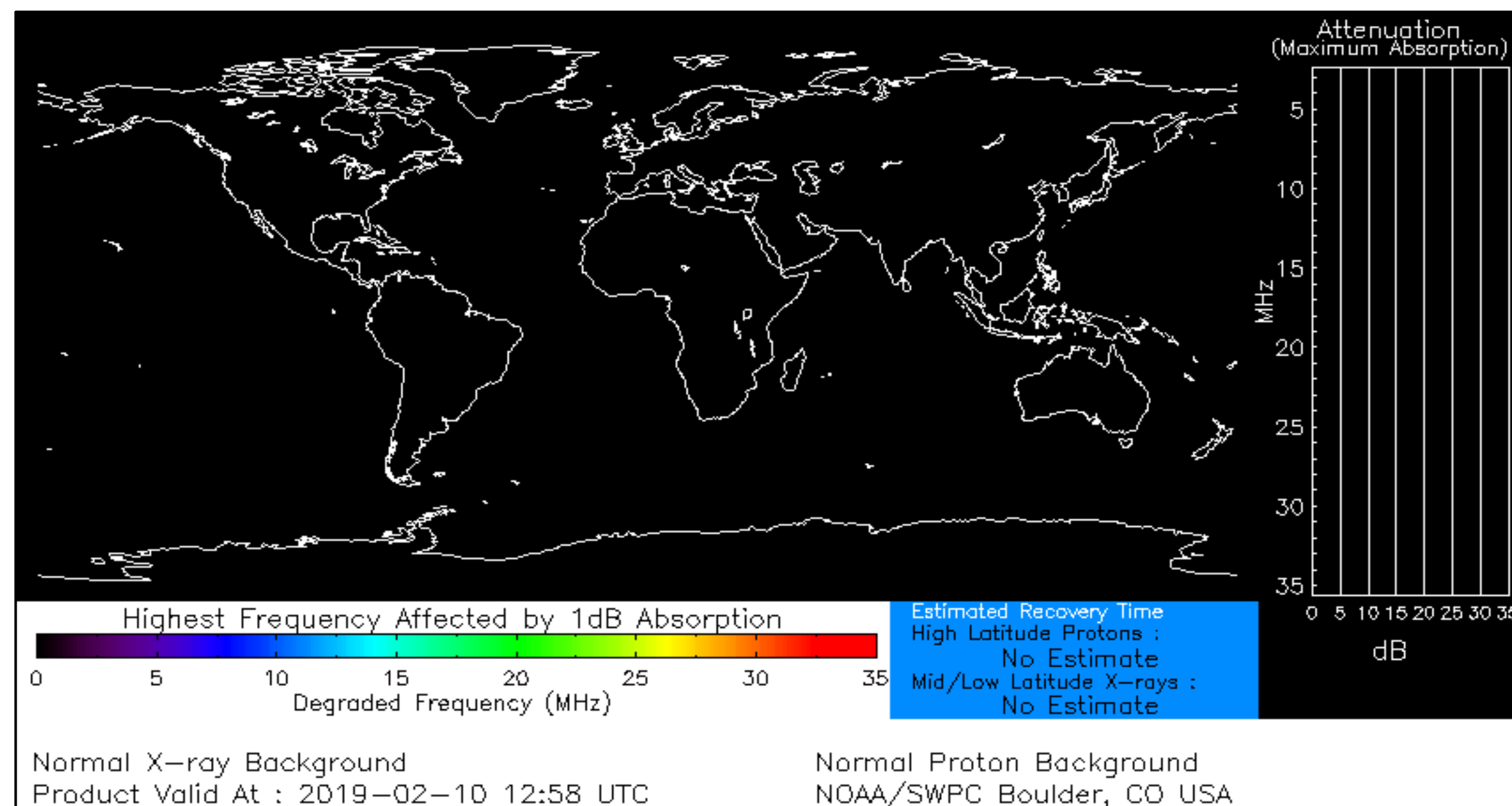


# Space Weather 3-Day Forecast



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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2019-02-10 12:22:00 UTC





# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**